

This listing of claims will replace all prior versions, and listings of claims in this application.

Listing of Claims:

1 – 11 (Cancelled)

12. (Previously presented) The process of claim 15 wherein the fluid further comprises red blood cells.

13. (Previously presented) The process of claim 15 wherein the fluid further comprises platelets.

14. (Previously presented) The process of claim 15 wherein the fluid further comprises plasma.

15. (Previously presented) A process for inactivating white blood cells which may be contained in a fluid comprising:

adding to the fluid containing white blood cells an effective amount of riboflavin acting as a photosensitizer;

exposing the fluid and riboflavin acting as a photosensitizer to light of an appropriate wavelength to activate the riboflavin acting as a photosensitizer and cause damage to the nucleic acid of the white blood cells

wherein the light to expose the fluid and riboflavin acting as a photosensitizer is in the UVB range; and

substantially maintaining the damage to the nucleic acids of the white blood cells.

16 (Cancelled)

17. (Previously presented) A fluid suitable for transfusing into a patient comprising red blood cells treated by the process of claim 15.

18. (Previously presented) A fluid suitable for transfusing into a patient comprising platelets treated by the process of claim 15.

19. (Previously presented) A fluid suitable for transfusing into a patient comprising plasma treated by the process of claim 15.

20-21 (Cancelled)

22. (Previously presented) A process for providing pathogen-reduced blood or blood components comprising:

damaging the nucleic acid of any pathogenic white blood cells, bacteria or viruses which may be present with the blood or blood components by

adding riboflavin acting as a photosensitizer to the blood or blood components; and

exposing the blood or blood components and riboflavin acting as a photosensitizer to UV or visible light to activate the riboflavin acting as a photosensitizer to fragment the nucleic acid of the pathogenic white blood cells, bacteria or viruses;

wherein the step of exposing the blood or blood components and riboflavin acting as a photosensitizer to light further comprises exposing the blood or blood components and riboflavin acting as a photosensitizer to light in the UVB range.

23. (Cancelled)